



SUBJECT: FUEL PUMP RETURN LINE RESTRICTION — SAFETY RECALL CAMPAIGN		No: SR-03-003	
		DATE: December, 2003	
		MODEL: See below	
CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY PROCESSOR	<input type="checkbox"/> SALES MANAGER

PURPOSE

The fuel return line hose fitting on the fuel pump may be restricted, causing excessive fuel pressure to build up in the fuel injection system. Excessive fuel pressure may result in the fuel return hose becoming dislodged from the fitting, resulting in fuel leakage. Fuel leakage in the presence of an ignition source could result in a fire. If there is a restriction in the fuel return hose fitting, a new fuel pump must be installed.

AFFECTED VEHICLES

2003 Galant models produced between 6/16/03 - 9/11/03

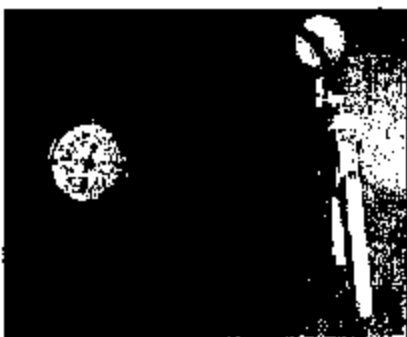
2003-04 Eclipse and Eclipse Spyder models produced between 6/16/03 - 9/11/03

CUSTOMER NOTIFICATION

A letter will be sent to all owners of affected vehicles. The letter tells the owner to bring their vehicle to a Mitsubishi Motors dealer to have the fuel return system inspected. A sample copy of the customer notification letter appears in Attachment A of this bulletin.

REQUIRED OPERATIONS

Before starting this campaign procedure, **CHECK ON THE WARRANTY SUPERSCREEN** to verify that the vehicle is an affected VIN for this campaign and that this campaign procedure has not already been completed.



CAUTION

The pressure that is used to test the fuel return system is limited to 5 psi. If you apply pressure over this amount, serious damage to the fuel tank will result.

Use only a hand pressure pump (such as MITYVAC-II or equivalent) with a vacuum/pressure gauge attached. Do not use shop air.

Continued

FILE UNDER: Safety Recall Bulletins in the Dealer Service Information Binder	(2670)
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1. Remove the hose clamp from the fuel return hose on the fuel pressure regulator. Remove the hose from the fitting.

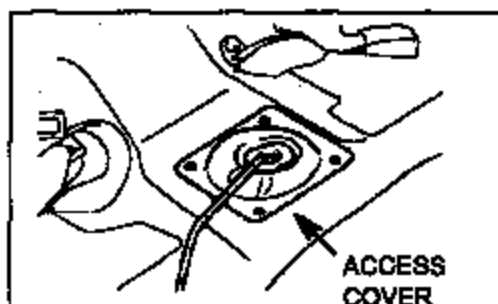
CAUTION

Cover the hose connection with shop towels, to prevent fuel splashing.

Wrap a shop towel around the hose end. If the fuel return port is blocked, pressure will be trapped in the return hose.

2. Using a hand pressure pump, apply 5 psi into the open end of the fuel return hose.
 - a. If the fuel return hose holds this pressure, this indicates that the return line is restricted. Continue with Step 3 to determine whether the restriction is at the fuel pump.
 - b. If the fuel return hose does not hold this pressure, continue with Step 3 to verify that the fuel return hose is securely connected.
 - c. Reinstall the fuel return hose securely to the fuel pressure regulator, and reinstall the hose clamp.

3. To minimize gasoline fumes building up in the passenger compartment, open the rear doors and trunk lid (Galant), open the doors and hatch (Eclipse), and lower the convertible top on Eclipse Spyder models.



4. Remove the rear seat cushion and remove the fuel pump access cover.

5. If the fuel return hose did not hold pressure in Step 2, visually inspect the fuel return fitting on the fuel pump to verify that it is securely connected. If it is securely connected, this campaign procedure is completed. Reinstall the fuel pump access cover and the rear seat cushion.

If the fuel return hose held pressure in Step 2, continue with Step 6.

Continued



6. Remove the fuel return hose from the return fitting on the fuel pump. Apply 5 psi pressure to the fitting. Pressure should drop immediately.

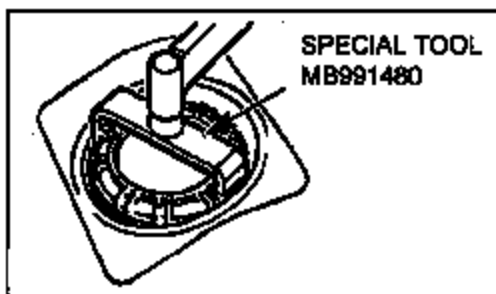
CAUTION

Cover the hose connection with shop towels, to prevent fuel splashing.

- a. If the pressure remains in the fuel return fitting, it is restricted and the fuel pump must be replaced. Go to Step 7 for fuel pump replacement.
- b. If it is not able to hold pressure, check the fuel return line for kinks or other damage. Repair as necessary.

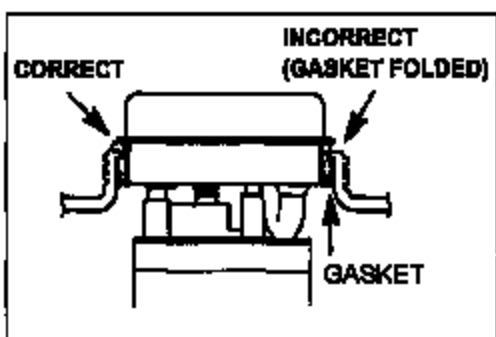
7. Replace the fuel pump as follows:

- a. Disconnect the hose and connector connections. Use special tool MB991480 to remove the fuel pump.



Note the manufacturing code number on the original fuel pump, stamped on the part number decal under the part number. Record this code on the repair order.

- b. Replace the fuel pump, using the new, Improved pump listed in the PARTS INFORMATION section of this bulletin. Refer to Group 13C of the appropriate service manual.
- c. For ease of installation, install the new gasket to the fuel tank, lubricate the gasket inside diameter with soapy water, and then install the fuel pump. Torque the nut to 57 ± 7 ft/lbs (77 ± 10 Nm).



CAUTION

- Do not tilt the fuel pump module when installing.
- Ensure that the alignment mark on the fuel pump module is lined up with the mark on the tank.
- Do not allow the fuel pump module to turn when tightening the nut.
- Be sure that the gasket does not fold over.

8. Reinstall the fuel pump access cover and the rear seat cushion.

PARTS INFORMATION

Use the Genuine Mitsubishi Parts listed below:

Description	Model	Part Number
Fuel pump	4-cylinder engine	MR990817
Fuel pump	V8 engine	MR990818

WARRANTY INFORMATION - Use campaign labor operation C0304AXX

Claims for this campaign must be entered as Recall type "C" claims. Sample claim screens are shown on the next two pages. Check the repair process(es) performed. You may only claim the repairs actually made associated with the specific vehicle condition found.

Inspect Fuel Return Line

Campaign Labor Operation No. C0304AXX

Time Allowance: 0.3 hr.

Replace Fuel Pump Module if Needed

Campaign Labor Operation No. C0304AXX

*Time Allowance: 0.5 hr.
(Includes inspection time)*

WEB BASED CLAIM SYSTEM - RECALL CLAIM SCREENS

Header Section

MITSUBISHI DEALER LINK

Vehicle Warranty

Enter in the first 6 characters of the campaign labor operation

Campaign Information

Campaign Operation No: C0304A

Miles/Km:

VIN: 4A.....

Repair Date In:

Repair Date Out:

Service Technician:

Emp No:

Service Advisor:

Emp No:

Spec Value:

Duplicate Recall:

Dealer: 99920

Claim No:

Art No:

Adj:

Important: You MUST enter one of the following in the SPEC VALUE FIELD:

- 1) If the pressure test does NOT indicate a blockage and does NOT require replacement of the fuel pump enter the words: NO REPLACEMENT
- 2) If the pressure test indicates a blockage and the fuel pump was replaced then you MUST enter the manufacturer's code number of the replaced pump in the SPEC VALUE FIELD. (See TSB Page 3)

Parts Section

MITSUBISHI DEALER LINK

Vehicle Warranty

Recall Claim

Add Page - Parts Information

Delete	Part No.	Part Description	Qty	Unit Price	Part Amount	Primary
1.						

1) There are no parts to claim unless the inspection and pressure test indicates that the fuel pump needs to be replaced.

2) If the pressure test indicates that the fuel pump needs to be replaced, claim either:

MR90817 (4 cyl fuel pump)
or
MR90818 (V6 fuel pump)

Note: If you claim for a fuel pump replacement, you will be required to enter the manufacturer's code number in the SPEC VALUE field.

Save Cancel

Labor Section

MITSUBISHI
DEALER
CRM
Service Warranty
Recall Claim
Help
PCMYOR

Add Page - Labor Information

Note: These entries will automatically be filled in based on the campaign number you entered on the previous screen.

Delete	Sublet	Labor Op	Labor Operation Description	Qty	Hours / Sublet Amt	Total Hrs	Labor Amt
		C0304AXX		1	??		

Verify C0304AXX comes up as the full campaign labor operation number

Qty of 1

Enter .3 hrs for the inspection and pressure test only.

Enter .5 hrs for inspection, pressure test and fuel pump replacement if applicable.

Total Labor Amount

Update Finish PHA Make More Cancel Changes

ATTACHMENT A



AFFECTED VEHICLES
MODEL: 2003 GALANT
2003-2004 ECLIPSE
2003-2004 ECLIPSE SPYDER

December, 2003

RE: IMPORTANT SAFETY RECALL NOTIFICATION: SR-03-003

Dear Mitsubishi Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Mitsubishi Motors North America, Inc. has decided that a defect that relates to vehicle safety exists in certain 2003 and 2004 Galant, Eclipse, and Eclipse Spyder models.

- What is the safety issue?** The fuel return line hose fitting on the fuel pump may be cracked, causing excessive fuel pressure to build up in the fuel injection system. Excessive fuel pressure may result in the fuel return hose becoming dislodged from the fitting, resulting in fuel leakage. Fuel leakage in the presence of a spark or ignition source could result in a fire.
- What you should do:** Please call your Mitsubishi retailer immediately to schedule a repair date. When you bring your vehicle in for the repair, please bring this letter. (Do not misplace this letter, the retailer will still need it after the repair, free of charge.)
- What your retailer will do:** The retailer will check the fuel return system in your vehicle. If necessary, the retailer will replace the fuel return line hose.
- How long will it take?** The time to finish a fuel return repair is about 30 minutes. While your retailer may need to wait for a longer period of time due to service scheduling, every effort will be made to minimize your inconvenience or delay.
- Have you changed address or sold the vehicle?** If you have changed your address or sold the vehicle, please fill out the enclosed card and mail it to us.
- If you have not had your vehicle repaired promptly and at no charge, or if you have already paid to have this condition repaired, you can seek a refund by contacting Mitsubishi Customer Connections at (888) MITA (688-648-7828). Hours: Monday - Saturday 7 a.m. to 10 p.m. (Central Standard Time).
- If after contacting Mitsubishi Customer Connections, you still have a problem having your vehicle repaired promptly and without charge, write to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street SW, Washington, D.C. 20590, or call the Auto Safety Hotline toll-free (888) 327-4236.

Mitsubishi is committed to making your safety our first concern, and we sincerely regret the inconvenience to you caused by this recall.

[Notice to Lessee: If you are a lessee as of the date of this letter, you have an obligation under federal regulations (49 CFR Part 577) to provide the lessee of the above referenced vehicle with a copy of this letter by first class mail within ten days of receipt. Also, you must maintain a record which identifies the lessee to whom you sent a copy of this letter, the date you sent it, and the vehicle identification number (VIN) of the subject vehicle.]

Sincerely,


Richard Domelaca
Director, Service and Product Support

SR-03-003
C0304AJCX